

AMENDMENT TO CLAIMS

1-40. Cancelled

41. (Original) An injection blow-molded tumbler exhibiting biaxial toughness formed from a nanocomposite comprising a matrix polymer and a nanoparticle filler comprising:

(a) a base forming the bottom of said tumbler defining an outer edge thereof;

(b) a sidewall integrally formed with said base extending upwardly from the outer edge thereof defining about its upper extremity a fortified rim; and

(c) wherein said fortified rim has a thickness greater than the adjacent portion of said sidewall.

42. (Original) The injection blow-molded tumbler according to Claim 41, wherein said matrix resin is polypropylene.

43. (Original) The injection blow-molded tumbler according to Claim 41, wherein said nanocomposite comprises from about 2 to about 12 percent by weight nanoparticles.

44. (Original) The injection blow-molded tumbler according to 43, wherein said nanoparticles have an average size of less than about 2 microns.

45. (Original) The injection blow-molded tumbler according to Claim 44 wherein said nanoparticles are clay particles.

46. (Original) The injection blow-molded tumbler according to Claim 41, wherein said nanocomposites comprises from about 3 to about 10 weight percent nanoparticles.

47. (Original) The injection blow-molded tumbler according to Claim 46, wherein said nanocomposites comprises from about 4 to about 8 weight percent nanoparticles.

48. (Original) The injection blow-molded tumbler according to Claim 47, wherein said nanocomposites comprises from about 4 to about 6 weight percent nanoparticles.

49. (Original) The injection blow-molded tumbler according to Claim 48, wherein said nanoparticles have an average size of less than about 2 microns.

50. (Original) The injection blow-molded tumbler according to Claim 49, wherein said nanoparticles are clay particles.

51-56. Cancelled

57. (New) The tumbler according to Claim 41, wherein the matrix polymer is polycarbonate.

58. (New) The tumbler according to Claim 57, wherein the tumbler is formed from a hydrolysis-stabilized polycarbonate such that the tumbler is substantially hydrolytically stable over 10 wash cycles in alkaline environments having a pH of greater than about 9, wherein each wash cycle involves temperatures of above about 110°F for more than 45 minutes.